(1390 REV. 5-93) US DEPT. OF COMME.

ATENT & TRADEMARK OFFICE

532 Rec'd PCT/PTO

U.S. APPLICATION NO. (if known, sec 37 C.F.R.1.5)

09/807867

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING **UNDER 35 U.S.C. 371**

A substitute specification.

Entitlement to small entity status is hereby asserted.

Other items or information: Sequence Listing pp. 1-6

14.

15.

16.

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INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. October 20, 1998 October 20, 1999 PCT/IB99/01719 TITLE OF INVENTION CDNA SEQUENCE TRANSCRIBING AN mRNA ENCODING THE TERMINAL OXIDASE ASSOCIATED WITH CAROTENOID BIOSYNTHESIS, AND USES THEREOF APPLICANTS FOR DO/EO/US Pierre CAROL, Marcel KUNTZ, Regis MACHE Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371. 1. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than 3. delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). **1**4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5 a. is transmitted herewith (required only if not transmitted by the International Bureau). Ħ b. X has been transmitted by the International Bureau. أٍ. و c. is not required, as the application was filed in the United States Receiving Office (RO/US) A translation of the International Application into English (35 U.S.C. 371(c)(2)). 6. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) **-7**. a. are transmitted herewith (required only if not transmitted by the International Bureau). have been transmitted by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. C. == have not been made and will not be made. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 9. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 10. \square (35 U.S.C. 371 (c)(5)). Items 11. to 16. below concern other document(s) or information included: ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is 12. included. A FIRST preliminary amendment. \boxtimes 13. A SECOND or SUBSEQUENT preliminary amendment.

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U.S. A				INTERNATIONAL APPLICATION PCT/IB99/01719		ATTORNEY'S 109326	DOCKET NUMBER	
17.	The following	ng fees are submitted:			CALC	JLATIONS	PTO USE ONLY	
	Basic National fee (37 CFR 1.492(a)(1)-(5)):							
*	Search Report has been prepared by the EPO or JPO \$860.00							
	International preliminary examination fee paid to USPTO (37 CFR1.482)\$690.00							
	No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))\$710.00							
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$1,000.00								
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$ 100.00								
ENTER APPROPRIATE BASIC FEE AMOUNT =					\$860.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$			
	Claims	Number Filed	Number Extra	Rate			-	
Total Claims 1		19- 20 =	0	X \$ 18.00	\$			
Independent Claims 3- 3 = 0 X \$80.00					\$			
Multiple dependent claim(s)(if applicable) + \$270.00					\$			
TOTAL OF ABOVE CALCULATIONS =					\$860.00			
Reduction by 1/2 for filing by small entity, if applicable.					\$			
SUBTOTAL =					\$860.00			
Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 month from the earliest claimed priority date (37 CFR 1.492(f)).					\$:		
TOTAL NATIONAL FEE =					\$860.00			
						Amount to be refunded	\$	
						Charged	\$	
 a.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.								
SEND	SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 NAME: William P. Berridge REGISTRATION NUMBER: 30 024							
						. Armstrong ON NUMBER: 3	6,430	

(1390 Rev. 10-00)